



EP3.5 移动式自上料混凝土搅拌车 | EP3.5 mobile self-loading concrete mixer truck

Features & Advantages: EP3.5 self-loading concrete mixer combines the functions of self-loading material, computerized weighing, water pumping, mixing, transporting and discharging. A small or medium-scale project can be easily finished by 2 mobile EP3.5, 1 cement tank and 1 water tank.

产品功能/优势: 移动式自上料混凝土搅拌车集合了上料, 称重, 抽水, 搅拌, 行走, 和卸料六项全能。真正实现一个人, 一台车, 一个工程。

Capacity: 14m³ (18.3 cubic yards) /hour
110m³ (143.87 cubic yards) /day
33000m³ (43,162.44 cubic yards) /year

产能: 14立方米/小时
110立方米/天
33000立方米/年

- Labor-saving
- 4 wheels driving / 4 wheels steering
- Accurate electric weighing system
- The mixing unit is sewing hydraulically through 270 degree for high discharge over 1.8m to the four sides.

- 节省人工
- 四轮驱动, 四轮转向
- 精确的电控称重系统
- 水平可回转270度, 多方位卸料, 卸料口高度为1.8米



亿普机械设备有限公司

EP MACHINERY CO., LTD

Manufacturing base: Qingdao, Shandong, China

Tel: 0086-371-53307980

服务热线 0086-17719865108

Service Hotline

Email: sales@epmachine.com

Fax: 0086-371-53307981

Web: www.epmachine.com

Facebook: @epmachine

主要技术参数

Main Technical Parameters



| Name(名称) | Item(项目) | Specification(技术参数) | |
|----------------------------|---------------------------------------|---|-----------------------|
| Vehicle (整车性能) | Net(净重) | 8800KG | |
| | Gross(总重量) | 16000KG | |
| | Transmission(传动形式) | Full-hydraulic (全液压驱动) | |
| | | 4 wheels driving, 4 wheel steering (四轮驱动, 四轮转向) | |
| | Brake(制动形式) | Hydraulic brake (液压制动) | |
| | | Front and rear independent system (双独立制动) | |
| | Chassis(底盘) | Off road, China top brand axle (越野底盘, 国产车桥) | |
| | Distance of front/rear wheelbase (轴距) | 1905mm | |
| | Wheelbase(前后轴距) | 2155mm | |
| | Loader(铲斗) | Capacity (容量) | 0.6m ³ |
| | | Control type (控制形式) | By hydraulic (液压控制制杆) |
| | Tilt angle(爬坡能力) | 30% | |
| | Speed (行驶速度) | High (高速) | 0-20km/h |
| | | Low (低速) | 0-9km/h |
| Min.turning radius(最小转弯半径) | 6.5m/R | | |
| Tire(轮胎规格) | 16/70-20 | | |
| Dimensions(L*W*H)(外形尺寸) | 7100*2441*3310mm | | |
| Diesel engine (柴油发动机) | Type(型号) | ABQW0 | |
| | Rated power/rpm(额定功率/转速) | 82kw/2200rpm | |
| | Max. Torque/rpm(最大扭矩/转速) | 425N.m/1400rpm | |
| | Cylinder(气缸数量) | 4-cylinder/4.836L | |
| | Bores(缸径) | 108mm | |
| | Cooling type(冷却方式) | Water cooling (水冷) | |
| | Fuel consumption(最低燃油消耗率) | 225g/kw.h | |
| | Starter type(启动方式) | Electric (电启动) | |
| | Emission standard(排放标准) | China II (国II) | |
| | Drum capacity(搅拌容量) | 3.5m ³ /tank; 14m ³ /hr | |
| Mixing drum (搅拌滚筒) | Bank angle(倾角) | 16° | |
| | Rotation speed(转动速度) | 10-16r/min | |
| | Angle of drum rotation(旋转角度) | > 270° | |
| Chute (溜筒) | Swing Angle(转动角度) | > 60° | |
| | Angle control(角度调节) | Hydraulic | |
| | Size(可造尺寸) | Long: 106cm | |
| Short: 40cm | | | |

| Name(名称) | Item(项目) | Specification(技术参数) | |
|------------------------------------|-------------------------------------|------------------------------------|--------------------------|
| Loader (称量) | Weighing mode(计量方式) | Computer control(电脑参数自动配比) | |
| | | Control Standard (计量标准) (混凝土标准) | C15,C20,C25,C30 |
| | | Cement (水泥) | < ±2% |
| | Accuracy(计量精度) | Relative Error(相对误差) | < ±3% |
| | | Water(水) | < ±1% |
| | | Additive(外加剂) | < ±1% |
| Admixture(掺合料) | < ±2% | | |
| Loader control (操纵性能) | | Hydraulic 4 way stick (液压四位电控操纵杆) | |
| Hydraulic system (液压系统) | Closed System (闭式系统) | Control(控制方式) | Power steering (侧摆与比例控制) |
| | | Pressure(系统压力) | 28MPa |
| | | Oil flow (系统总流量) | 366L/min |
| | Hydraulic driving pump (行走液压柱塞泵) | China top brand(国产) | |
| | | Pressure(压力) | 31.5MPa |
| | | Revolve(排量) | 95ml/r |
| | Hydraulic mixing pump (搅拌液压柱塞泵) | Danfoss, Sauer(丹佛斯) | |
| | | Pressure(压力) | 40MPa |
| | | Revolve(排量) | 75ml/r |
| | Hydraulic driving motor (行走液压马达) | China top brand(国产) | |
| Pressure(压力) | | 42MPa | |
| Revolve(排量) | | 107ml/r | |
| Hydraulic mixing motor (搅拌液压马达) | | Pressure(压力) | 28MPa |
| | | Revolve(排量) | 32ml/r |
| | Torque(输出扭矩) | 23496N.m | |
| | Rpm(转速范围) | 0-23r/min | |
| Water system (水系统) | Water pressure(供水速度) | > 240L/min | |
| | Supply(供水方式) | Hydraulic water pump (液压马达驱动自吸式水泵) | |
| Electrical system (电源) | Water Tank(水箱容量) | 2x380L | |
| | Voltage DC(电压) | 24V DC | |
| | Capacity(容量) | 120Ah | |
| | Safety(安全控制) | Safety cut-out(设有电池安全断路器) | |

(Technical data may change due to technical progress. Be subject to modification without notice.)



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